

## IN THE CLAIMS

1. (currently amended) In a controllable gastric band including a nonextensible back (4) and a first chamber (2) arranged to be on the stoma side of the back (4); for controlling the stoma restriction of the stoma by supplying and discharging liquid to and from said the first chamber (2), characterized the improvements in that

a second chamber (1) is provided on the stoma side of the back (4), which the second chamber (1) communicates ing with the first chamber (2) in a manner to ensure the control of the stoma restriction by a displacement of the liquid between the one first and second chambers (1) and the other chamber (2).

2. (currently amended) In a controllable gastric band including a nonextensible back (4) and a first chamber (2) arranged to be on the stomach or esophagus side of the back (4); for controlling restriction of the stomach or esophagus by supplying and discharging liquid to and from said the chamber (2), characterized the improvements in that

a second chamber (1) is provided on the stomach or esophagus side of the back (4), which the second chamber (1) is designed as being a sensor for the detection of a pressure increase in the stomach or esophagus, and

that the other first chamber (2) is connected via the sensory second chamber (1) is connected with a reservoir (9) in a manner to ensure the control of the stoma restriction by a displacement of the liquid between the reservoir (9) and the stoma restricting first chamber (2) as a function of the detected pressure.

3. (currently amended) A gastric band according to claim 1, characterized in that the chambers (1, 2) are arranged one beside the other, with the stoma restricting for the first



10. (currently amended) A gastric band according to claim 1, characterized in that a detection device for detecting thean eating activity is provided.
11. (currently amended) A gastric band according to claim 10, characterized in that the detection device is comprised of a device for detecting thea deglutition activity.
12. (Original) A gastric band according to claim 10, characterized in that the detection device is comprised of a device for detecting the pressure prevailing at the gastric wall (13) or wall of the esophagus.
13. (currently amended ) A gastric band according to claim 12, characterized in that a pressure sensor is provided in the sensorysecond chamber (1) to detect the pressure prevailing at the gastric wall (13) or wall of the esophagus, said pressure sensor being connected with an electronic circuit (11).
14. (currently amended) A gastric band according to claim 10, characterized in that the detection device is comprised of a device for detecting thea peristaltic wave.
15. (currently amended) A gastric band according to claim 7+, characterized in that thea detection device is connected with the pumping device in a manner that, after having detecteding thean eating activity, the liquid is pumped from the sensorysecond chamber (1); or reservoir (9); into the stoma-restrictingfirst chamber (2) and the liquid is again returned from the stoma-restrictingfirst chamber (2) into the second chamber (1); or reservoir (9); at a given time after the detection of a stop of the eating activity has stopped.

16. (currently amended) A gastric band according to claim 1, characterized in that the communicating of the chambers (1, 2) arecomprises a connectedion with each other via an auxiliary chamber (3), wherein

~~a valve (5) is arranged between the second chamber (1) and the auxiliary chamber (3), which the valve allows transport of the liquid only from the second chamber (1) to the auxiliary chamber (3), and that~~

~~a further valve (6) is arranged between the auxiliary chamber (3) and the stoma-restricting first chamber (2), which further valve allows the transport of the liquid only from the auxiliary chamber (3) to the stoma-restricting first chamber (2).~~

17. (currently amended) A gastric band according to claim 2†, characterized in that an auxiliary chamber (3) functioning as an air chamber is arranged between the reservoir (9) and the stoma-restricting first chamber (2).

18. (currently amended) A gastric band according to claim 2†, characterized in that a device for carrying out a liquid exchange from the stoma-restricting first chamber (2) to the second chamber (1) or reservoir (9), respectively, is provided between the stoma-restricting first chamber (2) and the second chamber (1) or reservoir (9), respectively.

19. (currently amended) A gastric band according to claim 18, characterized in that said the device for carrying out at the liquid exchange is comprised of a common partition wall containing micropores and arranged between the chambers (1, 2) or between the stomach-restricting first chamber (2) and the reservoir (9), respectively.

20. (Original) A gastric band according to claim 18, characterized in that the device for

carrying out ~~at~~ the liquid exchange is comprised of a backflow channel (17) arranged between the chambers (1, 2) or the ~~stoma-restricting~~first chamber (2) and the reservoir (9), respectively.

21. (Original) A gastric band according to claim 20, characterized in that a throttle valve (15) is arranged within the backflow channel (17).

22. (currently amended) A gastric band according to claim ~~21~~, characterized in that the ~~sensory~~first chamber (1) is connected to a stomach pacemaker or a device emitting electric pulses so as to obtain, via appropriately placed probes, a stimulation of the gastric wall by electric pulses as a function of the pressure prevailing in the stomach or esophagus and detected by the ~~sensory~~first chamber (1).

23. (Previously Presented) A gastric band according to claim 1, characterized in that a further liquid-filled chamber (18) is provided for the adaptation of the gastric band.

24. (Original) A gastric band according to claim 23, characterized in that said further chamber (18) is connected with a port (20) to be subcutaneously arranged in a manner that liquid can be filled into, or removed from, said chamber (18) by supplying or discharging liquid through said port (20).